Dixon[®] SSV Series Single Seat Valve Part Number Key

Diver COV Carias Cingle Cast Value	Valve Actuator Stem Wetted Table 1 (Codes)
Dixon SSV-Series Single Seat Valve Part Number Key	A- B- C- D- E- Dert Diogram
	3 OT A TO C T E V A PORTPORT PORT PORT PORT
Valve Function Shut-Off	
Divert	
Valve Body Style (See Diagram A)	
L (2-port Shut-Off)	
T (3-port Shut-Off)	
Y (2-port Shut-Off)	
F (3-port Divert)	04 P P P P P
L/L (3-port Divert)	
T/L (4-port Divert)	
L/T (4-port Divert)	07 N (No N (No N (No N (No O N (N) (No (N
T/T (5-port Divert)	
Surface Finish	
32 R _a (ID Mech. Polish)	A Diagram A (Body Styles)
25 R _a (ID Mech. Polish)	B L-Body T-Body Y-Body F-Body
20 R _a (ID Mech. Polish)	c
15 R _a (ID Electropolish)	
Valve Size	
1.0"	
1.5"	
2.0"	
2.5"	25 20 LL-Body TL-Body LT-Body TT-Body
3.0"	30
4.0"	
Connections	
Triclamp	
Buttweld	
Female I-Line Male I-Line	
Threaded Bevel	T I I I I
Plain Bevel	P Part Number Example: D06B20NBCCC2PVG.
Q-Line	Part Description: Divert Valve, T/L Body, 25Ra
Combination (See Table 1)	Polish, 2", [No Port on A, Buttweld on Port B, Clamp
Actuator Type	Code Port C, Clamp on Port D, Clamp on Port E] Spring Return Air-to-Lower Actuator, PTFE Stem Seal,
Spring Return (Air-to-Raise)	1 FKM wetted Elastomers, Burkert 8691 Single Acting
Spring Return (Air-to-Lower)	2 24VDC Multipin.
Double Acting (Air-to-Air)	3
Manual Handle	4
Stem Type	Code
Elastomer O-Ring Stem Seal	
PTFE Plug Seal	P
Wetted Elastomers	Code
EPDM	
FKM	V
Options	Code
10-30VDC External Prox, PNP, (Qty 2)	A -
10-30 VDC External Prox, NPN, (Qty 2) 20-253 VAC External Prox, (Qty 2)	C
110VAC External Prox, (Qty 2)	D
Burkert 8691, Single Acting, DeviceNet, Multipin	E
Burkert 8691, Single Acting, AS-i, Multipin Burkert 8691, Single Acting, AS-i, Multipin	F
Burkert 8691, Single Acting, 24VDC, Multipin	G
Burkert 8691, Double Acting, DeviceNet, Multipin	H
Burkert 8691, Double Acting, AS-i, Multipin	J
Burkert 8691, Double Acting, 24VDC, Multipin	K
Burkert 8691, Without Solenoid, 24VDC, Multipin	L
Burkert 8681, Single Acting, 110VAC, Multipin	M
Burkert 8681, Double Acting, 110VAC, Multipin	Ν
Burkert 8692 Positioner, 24VDC, 4-20mA, Multipin	Ρ
External Prox Bracket Only	Q
	000 4000

Dixon[®], founded in 1916, is a premier manufacturer and supplier of hose couplings, valves, dry-disconnects, swivels, and other fluid transfer and control products. The company's global reach includes a wide range of products for numerous industries including petroleum exploration, refining, transportation, chemical processing, food & beverage, steel, fire protection, construction, mining and manufacturing. Dixon[®]'s strategic objective is to create solutions that make products safer, leak-free, longer lasting, and always available.



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SSV420-webonly

Simple Design - Solid Construction - Superior Cleanability

R_{educed} Life Cycle ACTUATOR Costs CONFIGURATION Reversible spring return actuator allows the valve LOWER **MAINTENANCE COST** configuration to be easily Minimal number of **NO SPECIAL TOOLS** changed from components reduces Assemble or air-to-rise to air-to-lower: costs. Part modularity disassemble valve simply invert the actuator. increases customer quickly with simple hand No internal disassembly flexibility in spare parts tools. Less downtime for is required. inventory. seal maintenance.

Application:

• used in sanitary processes for either isolation or diversion of product

Materials:

- all product contact steel components: 316L stainless steel
- all non-product contact steel components: 304 stainless steel
- products wetted seal elastomers: FKM or EPDM
- stem seal materials: FKM. EPDM or PTFE

Specifications:

- maximum holding pressure: dependent upon size and configuration of the valve
- maximum operating temperature: 266°F (130°C)
- surface ID finish: <32R
- maximum sterilization temperature (20 min/max): 275°F (135°C)
- elastomers are FDA & 3A compliant
- sizes: 1" to 4"

Options:

- clamp and weld connections standard, other types available upon request
- numerous control tops available
- custom port lengths for drop-in replacements of competitor's valves available upon request
- optional 15R, 20R, or 25R, finishes available

Approval:

• 3A – Authorization Number 1655, 53-06 (Compression-Type Valves)

Valve Bodies

Made from solid bar with

increased wall thickness for

added durability and increased

performance against distortion

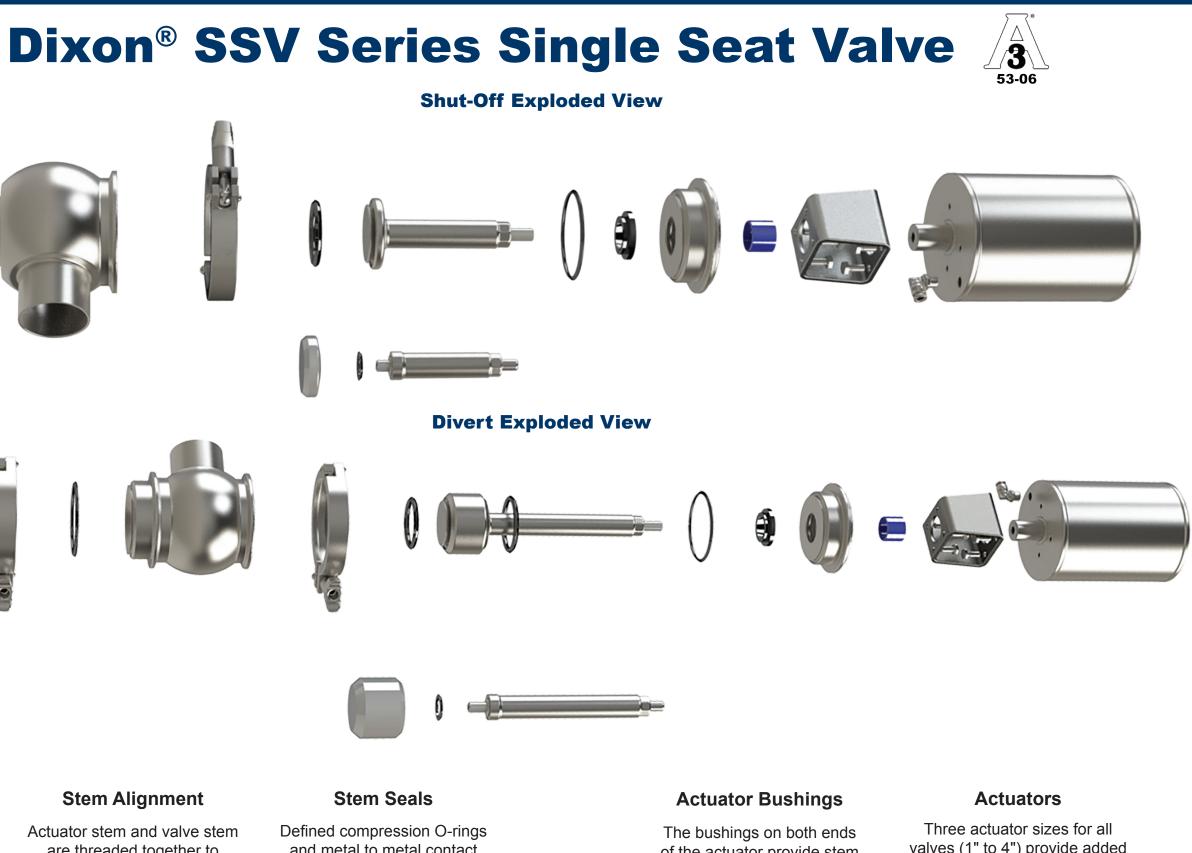
caused by large temperature

fluctuations in the process.

Actuator stem and valve stem are threaded together to ensure the most rigid union and therefore provide proper stem seal alignment with the valve body.







and metal to metal contact between valve stem and body increases service life of stem seals.

of the actuator provide stem support and ensures perfect alignment and repeatable positive sealing between the stem seal and valve body.

valves (1" to 4") provide added flexibility and interchangeability for your processing requirements.